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Table 1. Doctoral scientists and engineers, by field of doctorate and employment status: 1995

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Field of doctorate	Total	Employed				Unemployed/ seeking	Retired	Not empl'd/ not seeking
		Total	Full-time	Part-time	Posdoc appt			
Total.....	542,540	484,780	434,250	27,710	22,810	7,340	40,570	9,860
Sciences.....	455,530	406,130	359,890	25,210	21,040	5,920	34,450	9,040
Computer and mathematical sciences.....	31,740	29,250	27,360	1,190	700	460	1,620	410
Computer and information sciences.....	6,580	6,440	6,190	90	160	60	S	80
Mathematical sciences.....	25,160	22,820	21,170	1,100	540	400	1,620	330
Life and related sciences.....	149,320	132,190	114,080	5,800	12,310	2,230	11,410	3,490
Agricultural and food sciences.....	17,850	15,440	13,850	740	860	260	1,900	250
Biological and health sciences.....	126,890	112,870	96,590	4,920	11,360	1,900	8,910	3,210
Environmental sciences.....	4,590	3,890	3,650	150	90	70	590	S
Physical and related sciences.....	116,550	101,300	90,930	4,480	5,890	2,000	11,340	1,920
Chemistry, except biochemistry.....	61,350	52,540	47,710	2,380	2,450	1,120	6,640	1,010
Geology and oceanography.....	15,180	13,090	11,860	600	630	280	1,520	290
Physics and astronomy.....	38,730	34,410	30,200	1,490	2,720	550	3,160	610
Other physical sciences (incl. earth).....	1,300	1,260	1,160	S	90	S	S	S
Social and related sciences.....	157,920	143,390	127,520	13,730	2,140	1,230	10,080	3,220
Economics.....	22,500	19,860	18,570	1,240	S	260	2,040	350
Political and related sciences.....	16,330	14,790	13,920	680	180	160	1,280	100
Psychology.....	82,150	75,810	64,700	9,530	1,580	500	3,990	1,860
Sociology and anthropology.....	23,030	20,530	18,830	1,440	270	220	1,830	450
Other social sciences.....	13,910	12,410	11,500	840	60	110	940	450
Engineering.....	87,000	78,650	74,370	2,510	1,780	1,420	6,120	820
Aerospace/aeronautical.....	3,810	3,340	3,100	100	150	S	340	80
Chemical.....	12,590	10,930	10,220	460	250	300	1,220	130
Civil.....	7,740	7,400	7,070	200	140	90	240	S
Electrical/computer.....	22,850	20,780	19,950	530	300	350	1,460	260
Industrial.....	2,410	2,240	2,120	90	S	60	110	S
Mechanical.....	10,560	9,710	9,250	210	260	140	640	70
Other engineering.....	27,050	24,230	22,670	910	650	440	2,110	260

KEY: S = Suppressed because fewer than 50 weighted cases reported (See NOTE below)

NOTE: All numbers in the table are estimates derived from a sample.

SOURCE: National Science Foundation/SRS, 1995 Survey of Doctorate Recipients

Table 2. Doctoral scientists and engineers, by occupation and employment status: 1995

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Occupation*	Total	Employed				Unemployed/ seeking	Retired	Not empl'd/ not seeking
		Total	Full-time	Part-time	Posdoc appt			
Total.....	542,540	484,780	434,250	27,710	22,810	7,340	40,570	9,860
Scientists.....	318,830	284,840	247,330	17,440	20,080	3,770	24,350	5,880
Computer and mathematical scientists.....	40,820	37,440	35,230	1,400	820	460	2,190	730
Computer and information scientists.....	15,180	14,170	13,540	390	240	210	500	300
Mathematical scientists.....	7,060	6,050	5,450	260	340	70	660	290
Postsecondary teachers, computer and mathematical sciences.....	18,580	17,230	16,240	760	230	180	1,020	150
Life and related scientists.....	97,870	85,990	70,300	2,710	12,970	1,510	8,430	1,940
Agricultural scientists.....	9,660	7,730	6,660	410	730	200	1,640	80
Biological scientists.....	54,310	47,650	34,630	1,200	11,820	1,200	4,050	1,420
Forestry and conservation scientists.....	1,060	850	740	80	S	S	190	S
Postsecondary teachers, life and related sciences.....	32,840	29,760	28,330	1,030	390	110	2,560	420
Physical and related scientists.....	75,690	65,900	58,410	2,640	4,850	1,200	7,190	1,410
Chemists, except biochemists.....	24,490	21,270	18,880	880	1,510	440	2,360	430
Earth scientists.....	10,030	8,590	7,560	360	670	270	1,000	180
Physicists and astronomers.....	13,810	12,080	9,420	380	2,280	270	1,160	300
Other physical scientists.....	2,350	1,760	1,600	50	110	90	340	160
Postsecondary teachers, physical and related sciences.....	25,010	22,190	20,950	960	280	140	2,330	350
Social and related scientists.....	104,450	95,510	83,390	10,680	1,440	600	6,540	1,780
Economists.....	6,510	5,800	5,310	460	S	80	510	110
Political scientists.....	1,470	1,110	970	100	S	S	300	S
Psychologists.....	43,650	41,010	32,630	7,330	1,050	190	1,410	1,050
Sociologists and anthropologists.....	3,550	2,600	2,310	230	60	70	790	90
S&T historians and other social scientists.....	2,500	2,130	1,820	210	90	S	280	90
Postsecondary teachers, social and related sciences.....	46,770	42,870	40,360	2,350	160	220	3,250	430
Engineers.....	65,290	58,430	54,920	1,910	1,590	880	5,440	530
Aerospace and related engineers.....	4,200	3,630	3,480	60	90	70	450	60
Chemical engineers.....	6,520	5,640	5,280	160	200	180	640	60
Civil and architectural engineers.....	2,930	2,790	2,590	130	60	50	90	S
Electric and related engineers.....	11,840	10,660	9,960	360	330	180	960	S
Industrial engineers.....	860	840	770	50	S	S	S	S
Mechanical engineers.....	6,280	5,770	5,310	210	240	S	460	S
Other engineers.....	15,540	13,590	12,410	620	570	290	1,480	180
Postsecondary teachers, engineering.....	17,120	15,530	15,120	320	90	80	1,360	160
Non-S&E occupations.....	158,420	141,520	132,010	8,360	1,150	2,680	10,740	3,450
Managers, administrators, etc.....	90,710	83,820	81,480	2,010	330	1,060	5,280	550
Health and related occupations.....	15,030	13,450	12,030	990	420	250	870	460
Teachers, except S&E postsecondary teachers.....	21,480	18,920	17,360	1,380	180	230	1,810	520
Social services and related occupations.....	2,090	1,770	1,550	200	S	S	190	110
Technologists, etc.....	6,030	5,340	4,970	310	60	160	320	220
Sales and marketing occupations.....	5,570	4,870	4,210	630	S	210	370	120
Other non-S&E occupations.....	17,500	13,360	10,410	2,830	120	740	1,930	1,460

*If the respondent was unemployed, occupation of last job was reported.

KEY: S = Suppressed because fewer than 50 weighted cases reported (See NOTE below)

NOTE: All numbers in the table are estimates derived from a sample.

SOURCE: National Science Foundation/SRS, 1995 Survey of Doctorate Recipients

**Table 3. Doctoral scientists and engineers, by broad field of doctorate,
employment status, and sex: 1995**

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Employment status/field of doctorate	Total	Male	Female
All Fields:			
Total.....	542,540	425,930	116,610
Employed full-time.....	456,470	363,840	92,630
Employed part-time.....	28,310	15,650	12,670
Unemployed, seeking.....	7,340	5,720	1,610
Retired.....	40,570	36,480	4,090
Not employed, not seeking.....	9,860	4,250	5,610
Sciences:			
Total.....	455,530	343,370	112,160
Employed full-time.....	380,400	291,500	88,900
Employed part-time.....	25,730	13,390	12,350
Unemployed, seeking.....	5,920	4,500	1,410
Retired.....	34,450	30,390	4,060
Not employed, not seeking.....	9,040	3,590	5,440
Computer and mathematical sciences:			
Total.....	31,740	27,730	4,010
Employed full-time.....	28,060	24,780	3,280
Employed part-time.....	1,190	770	420
Unemployed, seeking.....	460	410	S
Retired.....	1,620	1,510	120
Not employed, not seeking.....	410	260	150
Life and related sciences:			
Total.....	149,320	108,400	40,920
Employed full-time.....	126,160	92,440	33,730
Employed part-time.....	6,030	3,300	2,730
Unemployed, seeking.....	2,230	1,560	670
Retired.....	11,410	9,840	1,570
Not employed, not seeking.....	3,490	1,730	2,220
Physical and related sciences:			
Total.....	116,550	103,880	12,680
Employed full-time.....	96,690	86,410	10,280
Employed part-time.....	4,610	3,880	730
Unemployed, seeking.....	2,000	1,740	260
Retired.....	11,340	10,760	580
Not employed, not seeking.....	1,920	1,080	840
Social and related sciences:			
Total.....	157,920	103,370	54,560
Employed full-time.....	129,490	87,860	41,630
Employed part-time.....	13,900	5,430	8,470
Unemployed, seeking.....	1,230	800	440
Retired.....	10,080	8,290	1,790
Not employed, not seeking.....	3,130	980	2,230

See explanatory information and SOURCE at end of table.

**Table 3. Doctoral scientists and engineers, by broad field of doctorate,
employment status, and sex: 1995**

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Employment status/field of doctorate	Total	Male	Female
Engineering:			
Total.....	87,000	82,560	4,450
Employed full-time.....	76,070	72,340	3,730
Employed part-time.....	2,580	2,260	320
Unemployed, seeking.....	1,420	1,220	200
Retired.....	6,120	6,080	S
Not employed, not seeking.....	820	650	170

KEY: S = Suppressed because fewer than 50 weighted cases reported (See NOTE below)

NOTE: All numbers in the table are estimates derived from a sample.
Postdoc employment is included as either employed full-time or employed part-time.

SOURCE: National Science Foundation/SRS, 1995 Survey of Doctorate Recipients

Table 4. Doctoral scientists and engineers, by broad occupation, employment status, and sex: 1995

Page 1 of 2

Employment status/occupation*	Total	Male	Female
All Occupations			
Total.....	542,540	425,930	116,610
Employed full-time.....	456,470	363,840	92,630
Employed part-time.....	28,310	15,650	12,670
Unemployed, seeking.....	7,340	5,720	1,610
Retired.....	40,570	36,480	4,090
Not employed, not seeking.....	9,860	4,250	5,610
Scientists:			
Total.....	318,830	242,230	76,610
Employed full-time.....	266,890	206,030	60,850
Employed part-time.....	17,950	9,110	8,840
Unemployed, seeking.....	3,770	2,870	900
Retired.....	24,350	21,930	2,420
Not employed, not seeking.....	5,880	2,280	3,600
Computer and mathematical scientists:			
Total.....	40,820	35,550	5,280
Employed full-time.....	36,040	31,730	4,310
Employed part-time.....	1,400	960	440
Unemployed, seeking.....	460	400	60
Retired.....	2,190	2,020	170
Not employed, not seeking.....	730	440	290
Life and related scientists:			
Total.....	97,870	73,260	24,610
Employed full-time.....	82,990	62,080	20,910
Employed part-time.....	3,000	1,930	1,070
Unemployed, seeking.....	1,510	1,070	450
Retired.....	8,430	7,550	880
Not employed, not seeking.....	1,940	640	1,300
Physical and related scientists:			
Total.....	75,690	66,830	8,870
Employed full-time.....	63,150	55,920	7,230
Employed part-time.....	2,740	2,240	500
Unemployed, seeking.....	1,200	1,040	170
Retired.....	7,190	6,830	350
Not employed, not seeking.....	1,410	800	620
Social and related scientists:			
Total.....	104,450	66,590	37,860
Employed full-time.....	84,710	56,310	28,400
Employed part-time.....	10,800	3,980	6,820
Unemployed, seeking.....	600	370	230
Retired.....	6,540	5,520	1,020
Not employed, not seeking.....	1,800	410	1,390

See explanatory information and SOURCE at end of table.

Table 4. Doctoral scientists and engineers, by broad occupation, employment status, and sex: 1995

Page 2 of 2

Employment status/occupation*	Total	Male	Female
Engineers:			
Total.....	65,290	61,740	3,550
Employed full-time.....	56,470	53,410	3,060
Employed part-time.....	1,960	1,710	250
Unemployed, seeking.....	880	790	90
Retired.....	5,440	5,420	S
Not employed, not seeking.....	530	410	120
Non-S&E occupations:			
Total.....	158,420	121,970	36,450
Employed full-time.....	133,110	104,390	28,720
Employed part-time.....	8,410	4,820	3,590
Unemployed, seeking.....	2,680	2,060	620
Retired.....	10,770	9,140	1,640
Not employed, not seeking.....	3,450	1,560	1,890

*If the respondent was unemployed, occupation of last job was reported.

KEY: S = Suppressed because fewer than 50 weighted cases reported (See NOTE below)

NOTE: All numbers in the table are estimates derived from a sample.

Postdoc employment is included as either employed full-time or employed part-time.

SOURCE: National Science Foundation/SRS, 1995 Survey of Doctorate Recipients

Table 5. Doctoral scientists and engineers, by broad field of doctorate, employment status, and race/ethnicity: 1995

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Employment status/field of doctorate	Total	White	Black	Asian or Pacific Islander	Hispanic	Native American
All Fields:						
Total.....	542,540	455,050	11,110	62,430	11,930	1,950
Employed full-time.....	456,470	376,940	10,070	57,170	10,530	1,720
Employed part-time.....	28,310	25,660	430	1,500	580	100
Unemployed, seeking.....	7,340	5,860	130	1,080	240	S
Retired.....	40,570	38,260	330	1,500	420	60
Not employed, not seeking.....	9,860	8,330	150	1,190	160	S
Sciences:						
Total.....	455,530	393,450	9,940	40,190	10,100	1,780
Employed full-time.....	380,400	324,720	8,980	36,240	8,870	1,550
Employed part-time.....	25,730	23,550	420	1,120	500	100
Unemployed, seeking.....	5,920	4,850	120	720	200	S
Retired.....	34,450	32,580	300	1,120	380	60
Not employed, not seeking.....	9,040	7,740	110	990	150	S
Computer and mathematical sciences:						
Total.....	31,740	25,050	440	5,260	930	60
Employed full-time.....	28,060	21,920	430	4,830	820	S
Employed part-time.....	1,190	1,050	S	100	S	S
Unemployed, seeking.....	460	350	S	90	S	S
Retired.....	1,620	1,450	S	110	60	S
Not employed, not seeking.....	410	290	S	120	S	S
Life and related sciences:						
Total.....	149,320	129,140	2,970	13,840	2,870	490
Employed full-time.....	126,160	108,090	2,630	12,530	2,480	430
Employed part-time.....	6,030	5,490	80	350	100	S
Unemployed, seeking.....	2,230	1,800	80	230	110	S
Retired.....	11,410	10,810	130	350	110	S
Not employed, not seeking.....	3,490	2,960	60	380	70	S
Physical and related sciences:						
Total.....	116,550	98,503	1,260	14,330	2,160	270
Employed full-time.....	96,690	80,210	1,190	13,000	2,010	250
Employed part-time.....	4,610	4,140	S	370	70	S
Unemployed, seeking.....	2,000	1,670	S	270	S	S
Retired.....	11,340	10,940	S	350	S	S
Not employed, not seeking.....	1,920	1,550	S	330	S	S

See explanatory information and SOURCE at end of table.

Table 5. Doctoral scientists and engineers, by broad field of doctorate, employment status, and race/ethnicity: 1995

Page 2 of 2

Employment status/field of doctorate	Total	White	Black	Asian or Pacific Islander	Hispanic	Native American
Social and related sciences:						
Total.....	157,920	140,750	5,260	6,770	4,140	960
Employed full-time.....	129,490	114,510	4,720	5,880	3,550	830
Employed part-time.....	13,900	12,880	320	290	290	80
Unemployed, seeking.....	1,230	1,030	S	120	60	S
Retired.....	10,080	9,390	160	310	180	S
Not employed, not seeking.....	3,130	2,940	S	160	70	S
Engineering:						
Total.....	87,000	61,600	1,170	22,240	1,830	170
Employed full-time.....	76,070	52,220	1,090	20,930	1,660	170
Employed part-time.....	2,580	2,110	S	380	80	S
Unemployed, seeking.....	1,420	1,020	S	360	S	S
Retired.....	6,120	5,670	S	380	S	S
Not employed, not seeking.....	820	590	S	190	S	S

KEY: S = Suppressed because fewer than 50 weighted cases reported (See NOTE below)

NOTE: All numbers in the table are estimates derived from a sample.

Postdoc employment is included as either employed full-time or employed part-time.

SOURCE: National Science Foundation/SRS, 1995 Survey of Doctorate Recipients

Table 6. Doctoral scientists and engineers, by broad occupation, employment status, and race/ethnicity: 1995

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Employment status/occupation*	Total	White	Black	Asian or Pacific Islander	Hispanic	Native American
All Occupations						
Total.....	542,540	455,050	11,110	62,430	11,930	1,950
Employed full-time.....	456,470	376,940	10,070	57,170	10,530	1,720
Employed part-time.....	28,310	25,660	430	1,500	580	100
Unemployed, seeking.....	7,340	5,860	130	1,080	240	S
Retired.....	40,570	38,260	330	1,500	420	60
Not employed, not seeking.....	9,860	8,330	150	1,190	160	S
Scientists:						
Total.....	318,830	272,150	6,270	31,710	7,410	1,240
Employed full-time.....	266,890	224,770	5,700	28,800	6,510	1,090
Employed part-time.....	17,950	16,390	220	790	410	100
Unemployed, seeking.....	3,770	2,980	70	560	140	S
Retired.....	24,350	23,060	170	850	260	S
Not employed, not seeking.....	5,880	4,950	110	710	90	S
Computer and mathematical scientists:						
Total.....	40,820	31,370	550	7,690	1,070	130
Employed full-time.....	36,040	27,200	550	7,220	960	110
Employed part-time.....	1,400	1,230	S	100	80	S
Unemployed, seeking.....	460	360	S	70	S	S
Retired.....	2,190	2,000	S	150	S	S
Not employed, not seeking.....	730	570	S	150	S	S
Life and related scientists:						
Total.....	97,870	83,390	1,550	10,770	1,970	250
Employed full-time.....	82,990	69,930	1,370	9,750	1,710	220
Employed part-time.....	3,000	2,660	S	230	S	S
Unemployed, seeking.....	1,510	1,170	S	200	90	S
Retired.....	8,430	7,950	60	330	80	S
Not employed, not seeking.....	1,940	1,680	S	190	S	S
Physical and related scientists:						
Total.....	75,690	63,910	1,000	9,030	1,570	170
Employed full-time.....	63,150	52,570	910	8,060	1,470	150
Employed part-time.....	2,740	2,430	S	250	S	S
Unemployed, seeking.....	1,200	930	S	240	S	S
Retired.....	7,190	6,920	S	180	60	S
Not employed, not seeking.....	1,410	1,070	S	300	S	S

See explanatory information and SOURCE at end of table.

Table 6. Doctoral scientists and engineers, by broad occupation, employment status, and race/ethnicity: 1995

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Employment status/occupation*	Total	White	Black	Asian or Pacific Islander	Hispanic	Native American
Social and related scientists:						
Total.....	104,450	93,480	3,160	4,280	2,790	700
Employed full-time.....	84,710	75,080	2,870	3,760	2,380	610
Employed part-time.....	10,800	10,070	160	210	240	80
Unemployed, seeking.....	600	510	S	S	S	S
Retired.....	6,540	6,190	80	190	90	S
Not employed, not seeking.....	1,800	1,620	S	70	60	S
Engineers:						
Total.....	65,290	46,400	840	16,440	1,440	150
Employed full-time.....	56,470	38,620	810	15,560	1,310	150
Employed part-time.....	1,960	1,630	S	250	80	S
Unemployed, seeking.....	880	640	S	210	S	S
Retired.....	5,440	5,070	S	350	S	S
Not employed, not seeking.....	530	430	S	70	S	S
Non-S&E occupations:						
Total.....	158,420	136,500	4,000	14,270	3,080	560
Employed full-time.....	133,110	113,540	3,560	12,810	2,710	480
Employed part-time.....	8,410	7,640	210	460	100	S
Unemployed, seeking.....	2,680	2,250	50	300	70	S
Retired.....	10,770	10,120	150	300	150	50
Not employed, not seeking.....	3,450	2,950	S	400	50	S

*If the respondent was unemployed, occupation of last job was reported.

KEY: S = Suppressed because fewer than 50 weighted cases reported (See NOTE below)

NOTE: All numbers in the table are estimates derived from a sample.

Postdoc employment is included as either employed full-time or employed part-time.

SOURCE: National Science Foundation/SRS, 1995 Survey of Doctorate Recipients

**Table 7. Selected employment characteristics of doctoral scientists and engineers,
by field of doctorate: 1995**
[In percent]

Page 1 of 1

Field of doctorate	Unemployment rate	Involuntarily out-of-field rate	Labor force participation rate
Total.....	1.5	4.2	90.7
Sciences.....	1.4	4.3	90.5
Computer and mathematical sciences.....	1.5	3.7	93.6
Computer and information sciences.....	0.9	1.7	98.7
Mathematical sciences.....	1.7	4.3	92.3
Life and related sciences.....	1.7	3.4	90.0
Agricultural and food sciences.....	1.7	3.4	88.0
Biological and health sciences.....	1.7	3.3	90.4
Environmental sciences.....	1.8	5.6	86.3
Physical and related sciences.....	1.9	6.3	88.6
Chemistry, except biochemistry.....	2.2	4.6	87.5
Geology and oceanography.....	2.1	5.3	88.1
Physics and astronomy.....	1.6	9.5	90.3
Other physical sciences (incl. earth).....	S	S	97.8
Social and related sciences.....	0.9	3.9	91.6
Economics.....	1.3	1.4	89.4
Political and related sciences.....	1.1	5.5	91.5
Psychology.....	0.6	3.1	92.9
Sociology and anthropology.....	1.0	6.9	90.1
Other social sciences.....	0.9	6.2	90.0
Engineering.....	1.8	3.8	92.0
Aerospace/aeronautical.....	S	2.7	88.9
Chemical.....	2.7	2.2	89.3
Civil.....	1.2	2.4	96.8
Electrical/computer.....	1.7	4.1	92.5
Industrial.....	2.5	S	95.3
Mechanical.....	1.4	4.0	93.3
Other engineering.....	1.8	5.1	91.2

KEY: S = Suppressed because fewer than 50 weighted cases reported (See NOTE below)

NOTE: All numbers in the table are estimates derived from a sample.
See Technical Notes for definition of rates.

SOURCE: National Science Foundation/SRS, 1995 Survey of Doctorate Recipients

**Table 8. Selected employment characteristics of doctoral scientists and engineers,
by occupation: 1995**
[In percent]

Page 1 of 1

Occupation*	Unemployment rate	Involuntarily out-of-field rate	Labor force participation rate
Total.....	1.5	4.2	90.7
Scientists.....	1.3	2.5	90.5
Computer and mathematical scientists.....	1.2	6.9	92.8
Computer and information scientists.....	1.5	14.6	94.7
Mathematical scientists.....	1.1	3.2	86.6
Postsecondary teachers, computer and mathematical sciences.....	1.0	1.8	93.7
Life and related scientists.....	1.7	1.2	89.4
Agricultural scientists.....	2.5	S	82.1
Biological scientists.....	2.5	1.3	89.9
Forestry and conservation scientists.....	S	S	80.8
Postsecondary teachers, life and related sciences.....	0.4	1.1	90.9
Physical and related scientists.....	1.8	2.9	88.6
Chemists, except biochemists.....	2.0	2.3	88.6
Earth scientists.....	3.0	3.8	88.3
Physicists and astronomers.....	2.2	3.3	89.4
Other physical scientists.....	4.9	7.4	78.9
Postsecondary teachers, physical and related sciences.....	0.6	2.5	89.3
Social and related scientists.....	0.6	1.7	92.0
Economists.....	1.4	1.2	90.4
Political scientists.....	S	S	77.7
Psychologists.....	0.5	2.2	94.4
Sociologists and anthropologists.....	2.6	S	75.0
S&T historians and other social scientists.....	S	2.4	85.4
Postsecondary teachers, social and related sciences.....	0.5	1.3	92.1
Engineers.....	1.5	3.9	90.8
Aerospace and related engineers.....	1.8	4.5	88.0
Chemical engineers.....	3.1	2.9	89.3
Civil and architectural engineers.....	1.9	2.5	96.9
Electric and related engineers.....	1.6	6.3	91.5
Industrial engineers.....	S	8.3	99.0
Mechanical engineers.....	S	7.0	92.1
Other engineers.....	2.1	4.2	89.3
Postsecondary teachers, engineering.....	0.5	1.0	91.2
Non-S&E occupations.....	1.9	7.9	91.0
Managers, administrators, etc.....	1.3	4.5	93.6
Health and related occupations.....	1.8	7.6	91.1
Teachers, except S&E postsecondary teachers.....	1.2	4.9	89.2
Social services and related occupations.....	S	8.9	85.7
Technologists, etc.....	2.9	21.3	91.1
Sales and marketing occupations.....	4.2	27.8	91.1
Other non-S&E occupations.....	5.2	21.0	80.6

*If the respondent was unemployed, occupation of last job was reported.

KEY: S = Suppressed because fewer than 50 weighted cases reported (See NOTE below)

NOTE: All numbers in the table are estimates derived from a sample.

See Technical Notes for definition of rates.

SOURCE: National Science Foundation/SRS, 1995 Survey of Doctorate Recipients

Table 9. Doctoral scientists and engineers, by field of doctorate and sex: 1995

Page 1 of 1

Field of doctorate	Total	Male	Female
Total.....	542,540	425,930	116,610
Sciences.....	455,530	343,730	112,160
Computer and mathematical sciences.....	31,740	27,730	4,010
Computer and information sciences.....	6,580	5,510	1,040
Mathematical sciences.....	25,160	22,180	2,980
Life and related sciences.....	149,320	108,400	40,920
Agricultural and food sciences.....	17,850	15,420	2,430
Biological and health sciences.....	126,890	88,780	38,110
Environmental sciences.....	4,590	4,210	370
Physical and related sciences.....	116,550	103,880	12,680
Chemistry, except biochemistry.....	61,350	52,880	8,470
Geology and oceanography.....	15,180	13,440	1,740
Physics and astronomy.....	38,730	36,540	2,190
Other physical sciences (incl. earth).....	1,300	1,030	270
Social and related sciences.....	157,920	103,370	54,550
Economics.....	22,500	19,410	3,090
Political and related sciences.....	16,330	13,100	3,230
Psychology.....	82,150	47,420	34,730
Sociology and anthropology.....	23,030	14,340	8,690
Other social sciences.....	13,910	9,020	4,810
Engineering.....	87,000	82,560	4,450
Aerospace/aeronautical.....	3,810	3,770	S
Chemical.....	12,590	11,880	710
Civil.....	7,740	7,380	360
Electrical/computer.....	22,850	21,920	930
Industrial.....	2,410	2,210	310
Mechanical.....	10,560	10,250	310
Other engineering.....	27,050	25,260	1,790

KEY: S = Suppressed because fewer than 50 weighted cases reported (See NOTE below)

NOTE: All numbers in the table are estimates derived from a sample.

SOURCE: National Science Foundation/SRS, 1995 Survey of Doctorate Recipients

Table 10. Doctoral scientists and engineers, by occupation and sex: 1995

Page 1 of 1

Occupation*	Total	Male	Female
Total.....	542,540	425,930	116,610
Scientists.....	318,830	242,230	76,610
Computer and mathematical scientists.....	40,820	35,550	5,280
Computer and information scientists.....	15,180	13,570	1,610
Mathematical scientists.....	7,060	5,810	1,250
Postsecondary teachers, computer and mathematical sciences.....	18,580	16,170	2,410
Life and related scientists.....	97,870	73,260	24,610
Agricultural scientists.....	9,660	8,510	1,150
Biological scientists.....	54,310	38,310	16,010
Forestry and conservation scientists.....	1,060	910	150
Postsecondary teachers, life and related sciences.....	32,840	25,530	7,310
Physical and related scientists.....	75,690	66,830	8,870
Chemists, except biochemists.....	24,490	21,070	3,420
Earth scientists.....	10,030	9,000	1,030
Physicists and astronomers.....	13,810	12,850	960
Other physical scientists.....	2,350	2,020	330
Postsecondary teachers, physical and related sciences.....	25,010	21,880	3,130
Social and related scientists.....	104,450	66,590	37,860
Economists.....	6,510	5,100	1,410
Political scientists.....	1,470	1,170	300
Psychologists.....	43,650	23,270	20,380
Sociologists and anthropologists.....	3,550	2,240	1,310
S&T historians and other social scientists.....	2,500	1,500	1,000
Postsecondary teachers, social and related sciences.....	46,770	33,310	13,460
Engineers.....	65,290	61,740	3,550
Aerospace and related engineers.....	4,200	4,410	150
Chemical engineers.....	6,520	6,090	430
Civil and architectural engineers.....	2,930	2,830	110
Electric and related engineers.....	11,840	11,400	440
Industrial engineers.....	860	760	100
Mechanical engineers.....	6,280	6,100	180
Other engineers.....	15,540	14,400	1,150
Postsecondary teachers, engineering.....	17,120	16,130	990
Non-S&E occupations.....	158,420	121,970	36,450
Managers, administrators, etc.....	90,710	75,610	15,110
Health and related occupations.....	15,030	10,550	4,490
Teachers, except S&E postsecondary teachers.....	21,480	12,190	9,290
Social services and related occupations.....	2,090	1,360	740
Technologists, etc.....	6,030	5,230	800
Sales and marketing occupations.....	5,570	4,710	870
Other non-S&E occupations.....	17,500	12,340	5,160

*If the respondent was unemployed, occupation of last job was reported.

NOTE: All numbers in the table are estimates derived from a sample.

SOURCE: National Science Foundation/SRS, 1995 Survey of Doctorate Recipients

Table 11. Doctoral scientists and engineers, by field of doctorate and race/ethnicity: 1995

Page 1 of 1

Field of doctorate	Total	White	Black	Asian or Pacific Islander	Hispanic	Native American
Total.....	542,540	455,050	11,110	62,430	11,930	1,950
Sciences.....	455,530	393,450	9,940	40,190	10,100	1,780
Computer and mathematical sciences.....	31,740	25,050	440	5,260	930	160
Computer and information sciences.....	6,580	4,410	80	1,890	190	S
Mathematical sciences.....	25,160	20,640	360	3,370	740	S
Life and related sciences.....	149,320	129,140	2,970	13,840	2,870	490
Agricultural and food sciences.....	17,850	15,150	240	2,020	430	S
Biological and health sciences.....	126,890	109,790	2,690	11,580	2,390	430
Environmental sciences.....	4,590	4,200	S	220	S	50
Physical and related sciences.....	116,550	98,500	1,260	14,330	2,160	270
Chemistry, except biochemistry.....	61,350	51,250	890	7,730	1,320	170
Geology and oceanography.....	15,180	13,910	S	950	250	S
Physics and astronomy.....	38,730	32,240	310	5,520	590	S
Other physical sciences (incl. earth).....	1,300	1,110	S	130	S	S
Social and related sciences.....	157,920	140,750	5,260	6,770	4,140	960
Economics.....	22,500	19,330	510	2,200	400	80
Political and related sciences.....	16,330	14,140	800	790	480	110
Psychology.....	82,150	75,290	2,560	1,650	2,170	480
Sociology and anthropology.....	23,030	20,420	900	810	720	160
Other social sciences.....	13,910	11,600	500	1,320	380	130
Engineering.....	87,000	61,600	1,170	22,240	1,830	170
Aerospace/aeronautical.....	3,810	2,950	70	720	80	S
Chemical.....	12,590	8,990	150	3,120	320	S
Civil.....	7,740	5,180	140	2,180	220	S
Electrical/computer.....	22,850	15,950	290	6,020	530	60
Industrial.....	2,410	1,770	S	550	S	S
Mechanical.....	10,560	7,100	160	3,120	160	S
Other engineering.....	27,050	19,660	330	6,520	470	60

KEY: S = Suppressed because fewer than 50 weighted cases reported (See NOTE below)

NOTE: All numbers in the table are estimates derived from a sample.

SOURCE: National Science Foundation/SRS, 1995 Survey of Doctorate Recipients

Table 12. Doctoral scientists and engineers, by occupation and race/ethnicity: 1995

Page 1 of 2

Occupation*	Total	White	Black	Asian or Pacific Islander	Hispanic	Native American
Total.....	542,540	455,050	11,110	62,430	11,930	1,950
Scientists.....	318,830	272,150	6,270	31,710	7,410	1,240
Computer and mathematical scientists.....	40,820	31,370	550	7,690	1,070	130
Computer and information scientists.....	15,180	11,070	100	3,630	320	60
Mathematical scientists.....	7,060	5,440	120	1,340	160	S
Postsecondary teachers, computer and mathematical sciences.....	18,580	14,860	330	2,720	600	60
Life and related scientists.....	97,870	83,390	1,550	10,770	1,970	250
Agricultural scientists.....	9,660	8,430	90	860	280	S
Biological scientists.....	54,310	44,160	710	8,070	1,170	190
Forestry and conservation scientists.....	1,060	1,010	S	S	S	S
Postsecondary teachers, life and related sciences.....	32,840	29,790	720	1,770	520	S
Physical and related scientists.....	75,690	63,910	1,000	9,030	1,570	170
Chemists, except biochemists.....	24,490	19,380	440	4,100	520	S
Earth scientists.....	10,030	9,080	S	750	150	S
Physicists and astronomers.....	13,810	11,510	70	2,020	220	S
Other physical scientists.....	2,350	1,980	S	250	80	S
Postsecondary teachers, physical and related sciences.....	25,010	21,960	430	1,930	610	80
Social and related scientists.....	104,450	93,480	3,160	4,280	2,790	970
Economists.....	6,510	5,310	120	850	160	60
Political scientists.....	1,470	1,220	S	100	110	S
Psychologists.....	43,650	40,260	1,200	770	1,100	300
Sociologists and anthropologists.....	3,550	3,370	70	70	S	S
S&T historians and other social scientists.....	2,500	2,150	70	210	60	S
Postsecondary teachers, social and related sciences.....	46,770	41,160	1,650	2,280	1,320	320
Engineers.....	65,290	46,400	840	16,440	1,440	150
Aerospace and related engineers.....	4,200	3,160	S	930	60	S
Chemical engineers.....	6,520	4,500	110	1,770	150	S
Civil and architectural engineers.....	2,930	1,600	50	1,170	110	S
Electric and related engineers.....	11,840	8,050	110	3,430	210	S
Industrial engineers.....	860	610	S	230	S	S
Mechanical engineers.....	6,280	3,900	50	2,190	110	S
Other engineers.....	15,540	11,390	140	3,700	290	S
Postsecondary teachers, engineering.....	17,120	13,200	340	3,030	480	70

See explanatory information and SOURCE at end of table.

Table 12. Doctoral scientists and engineers, by occupation and race/ethnicity: 1995

Page 2 of 2

Occupation*	Total	White	Black	Asian or Pacific Islander	Hispanic	Native American
Non-S&E occupations.....	158,420	136,500	4,000	14,270	3,080	560
Managers, administrators, etc.....	90,710	78,640	2,260	7,830	1,730	260
Health and related occupations.....	15,030	12,600	340	1,790	250	50
Teachers, except S&E postsecondary teachers.....	21,480	18,630	800	1,490	450	110
Social services and related occupations.....	2,090	1,840	110	90	S	S
Technologists, etc.....	6,030	4,680	70	1,180	90	S
Sales and marketing occupations.....	5,570	4,730	60	600	170	S
Other non-S&E occupations.....	17,500	15,390	360	1,300	350	100

*If the respondent was unemployed, occupation of last job was reported.

KEY: S = Suppressed because fewer than 50 weighted cases reported (See NOTE below)

NOTE: All numbers in the table are estimates derived from a sample.

SOURCE: National Science Foundation/SRS, 1995 Survey of Doctorate Recipients

Table 13. Doctoral scientists and engineers, by field of doctorate and citizenship status: 1995

Page 1 of 1

Field of doctorate	Total	U.S. Citizen			Non-U.S. Citizen		
		Total	Native	Naturalized	Total	Permanent resident	Temporary resident
Total.....	542,540	499,890	441,080	58,820	42,640	35,480	7,070
Sciences.....	455,530	426,410	386,750	39,660	29,120	24,180	4,920
Computer and mathematical sciences.....	31,740	27,150	23,400	3,750	4,590	3,740	850
Computer and information sciences.....	6,580	4,720	3,990	720	1,860	1,550	310
Mathematical sciences.....	25,160	22,440	19,410	3,030	2,720	2,190	540
Life and related sciences.....	149,320	140,150	127,180	12,970	9,170	7,440	1,710
Agricultural and food sciences.....	17,850	16,490	14,660	1,840	1,360	1,060	280
Biological and health sciences.....	126,890	119,290	108,440	10,850	7,600	6,210	1,390
Environmental sciences.....	4,590	4,370	4,090	280	210	170	S
Physical and related sciences.....	116,550	107,720	94,760	12,960	8,830	7,410	1,420
Chemistry, except biochemistry.....	61,350	57,310	50,370	6,940	4,040	3,540	500
Geology and oceanography.....	15,180	14,220	13,150	1,070	960	790	170
Physics and astronomy.....	38,730	35,020	30,120	4,900	3,710	2,980	730
Other physical sciences (incl. earth).....	1,300	1,180	1,120	60	120	100	S
Social and related sciences.....	157,920	151,390	141,410	9,980	6,530	5,580	940
Economics.....	22,500	20,290	17,990	2,300	2,210	1,740	470
Political and related sciences.....	16,330	15,490	14,060	1,420	840	700	140
Psychology.....	82,150	80,710	77,500	3,210	1,440	1,340	100
Sociology and anthropology.....	23,030	22,140	20,650	1,500	890	780	90
Other social sciences.....	13,910	12,760	11,210	1,550	1,150	1,020	140
Engineering.....	87,000	73,480	54,320	19,160	13,520	11,310	2,150
Aerospace/aeronautical.....	3,810	3,410	2,660	750	400	280	100
Chemical.....	12,590	11,020	8,380	2,630	1,570	1,310	260
Civil.....	7,740	6,260	4,060	2,200	1,480	1,250	210
Electrical/computer.....	22,850	18,990	13,540	5,450	3,860	3,250	590
Industrial.....	2,410	2,020	1,580	440	400	360	S
Mechanical.....	10,560	8,520	6,210	2,300	2,040	1,760	280
Other engineering.....	27,050	23,270	17,880	5,390	3,780	3,100	680

KEY: S = Suppressed because fewer than 50 weighted cases reported (See NOTE below)

NOTE: All numbers in the table are estimates derived from a sample.

SOURCE: National Science Foundation/SRS, 1995 Survey of Doctorate Recipients

Table 14. Doctoral scientists and engineers, by occupation and citizenship status: 1995

Page 1 of 2

Occupation*	Total	U.S. Citizen			Non-U.S. Citizen		
		Total	Native	Naturalized	Total	Permanent resident	Temporary resident
Total.....	542,540	499,890	441,080	58,820	42,640	35,480	7,070
Scientists.....	318,830	293,110	264,900	28,230	25,720	20,770	4,890
Computer and mathematical scientists.....	40,820	34,400	28,780	5,620	6,420	5,170	1,230
Computer and information scientists.....	15,180	12,390	10,140	2,260	2,780	2,200	590
Mathematical scientists.....	7,060	6,080	5,130	940	990	830	160
Postsecondary teachers, computer and mathematical sciences.....	18,580	15,930	13,510	2,420	2,650	2,140	490
Life and related scientists.....	97,870	89,940	81,550	8,390	7,930	6,170	1,740
Agricultural scientists.....	9,660	9,020	8,330	690	640	470	170
Biological scientists.....	54,310	47,870	42,720	5,160	6,440	4,960	1,460
Forestry and conservation scientists.....	1,060	1,030	960	80	S	S	S
Postsecondary teachers, life and related sciences.....	32,840	32,010	29,540	2,480	830	720	110
Physical and related scientists.....	75,690	69,080	61,000	8,080	6,620	5,410	1,200
Chemists, except biochemists.....	24,490	21,990	18,840	3,150	2,500	2,200	310
Earth scientists.....	10,030	9,340	8,550	790	700	560	140
Physicists and astronomers.....	13,810	12,020	10,460	1,560	1,790	1,210	580
Other physical scientists.....	2,350	2,180	1,870	310	170	160	S
Postsecondary teachers, physical and related sciences.....	25,010	23,560	21,290	2,270	1,450	1,280	170
Social and related scientists.....	104,450	99,690	93,550	6,140	4,760	4,020	730
Economists.....	6,510	5,700	4,970	730	810	550	260
Political scientists.....	1,470	1,390	1,190	200	90	60	S
Psychologists.....	43,650	42,930	41,180	1,740	730	680	S
Sociologists and anthropologists.....	3,550	3,500	3,350	150	S	S	S
S&T historians and other social scientists.....	2,500	2,330	2,120	210	160	130	S
Postsecondary teachers, social and related sciences.....	46,770	43,840	40,730	3,100	2,930	2,550	370
Engineers.....	65,290	54,870	41,730	13,130	10,420	8,950	1,430
Aerospace and related engineers.....	4,200	3,830	2,860	960	370	270	90
Chemical engineers.....	6,520	5,450	4,030	1,420	1,070	880	190
Civil and architectural engineers.....	2,930	2,180	1,360	830	750	640	110
Electric and related engineers.....	11,840	9,870	7,280	2,590	1,960	1,640	330
Industrial engineers.....	860	620	520	100	240	210	S
Mechanical engineers.....	6,280	4,880	3,450	1,420	1,400	1,190	220
Other engineers.....	15,540	13,270	10,710	2,530	2,280	1,940	330
Postsecondary teachers, engineering.....	17,120	14,220	11,510	3,250	2,350	2,190	170

See explanatory information and SOURCE at end of table.

Table 14. Doctoral scientists and engineers, by occupation and citizenship status: 1995

Page 2 of 2

Occupation*	Total	U.S. Citizen			Non-U.S. Citizen		
		Total	Native	Naturalized	Total	Permanent resident	Temporary resident
Non-S&E occupations.....	158,420	151,910	134,460	17,450	6,510	5,760	450
Managers, administrators, etc.....	90,710	88,130	77,910	10,220	2,580	2,360	230
Health and related occupations.....	15,030	14,230	12,230	2,000	800	720	80
Teachers, except S&E postsecondary teachers.....	21,480	20,420	18,330	2,090	1,060	970	90
Social services and related occupations.....	2,090	1,980	1,870	120	110	100	S
Technologists, etc.....	6,030	5,330	4,480	840	710	560	150
Sales and marketing occupations.....	5,570	5,190	4,380	810	390	330	60
Other non-S&E occupations.....	17,500	16,630	15,260	1,380	860	730	130

*If the respondent was unemployed, occupation of last job was reported.

KEY: S = Suppressed because fewer than 50 weighted cases reported (See NOTE below)

NOTE: All numbers in the table are estimates derived from a sample.

SOURCE: National Science Foundation/SRS, 1995 Survey of Doctorate Recipients

Table 15. Doctoral scientists and engineers, by field of doctorate and age: 1995

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Field of doctorate	Total	Under 30	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-75
Total.....	542,540	8,670	53,220	79,710	87,900	91,850	84,850	51,930	35,070	49,310
Sciences.....	455,530	6,630	40,710	64,340	75,380	80,540	72,390	43,060	29,830	42,660
Computer and mathematical sciences.....	31,740	790	3,530	5,080	4,670	5,600	5,660	3,170	1,670	1,580
Computer and information sciences.....	6,580	290	1,530	2,030	1,510	900	240	60	S	S
Mathematical sciences.....	25,160	500	2,010	3,050	3,170	4,690	5,420	3,110	1,660	1,560
Life and related sciences.....	149,320	2,160	14,060	23,190	27,430	25,600	21,490	13,100	8,820	13,480
Agricultural and food sciences.....	17,850	150	1,300	2,780	3,330	2,470	2,460	1,710	1,580	2,080
Biological and health sciences.....	126,890	2,010	12,600	19,860	23,320	22,040	18,140	10,980	6,960	10,970
Environmental sciences.....	4,590	S	150	550	770	1,090	890	410	290	440
Physical and related sciences.....	116,550	2,330	12,880	16,620	15,100	16,660	18,520	12,430	8,960	13,060
Chemistry, except biochemistry.....	61,350	1,400	6,930	9,290	7,720	7,600	9,540	6,570	4,710	7,600
Geology and oceanography.....	15,180	110	1,390	2,110	2,510	2,610	2,200	1,510	1,300	1,440
Physics and astronomy.....	38,730	800	4,340	4,950	4,610	6,150	6,640	4,340	2,920	3,980
Other physical sciences (incl. earth).....	1,300	S	220	270	260	300	140	S	S	S
Social and related sciences.....	157,920	1,360	10,250	19,450	28,180	32,680	26,720	14,370	10,380	14,540
Economics.....	22,500	310	1,710	3,230	3,080	3,840	3,630	2,380	1,660	2,670
Political and related sciences.....	16,330	170	840	1,670	2,460	3,000	3,380	1,320	1,430	2,070
Psychology.....	82,150	790	6,050	10,950	16,560	18,170	12,260	6,480	4,680	6,190
Sociology and anthropology.....	23,030	80	820	2,080	3,810	4,850	4,600	2,770	1,510	2,510
Other social sciences.....	13,910	S	840	1,520	2,270	2,820	2,840	1,420	1,100	1,110
Engineering.....	87,000	2,070	12,530	15,370	12,510	11,310	12,470	8,880	5,240	6,650
Aerospace/aeronautical.....	3,810	110	470	510	390	440	690	550	340	320
Chemical.....	12,590	350	2,140	2,290	1,400	1,510	1,710	1,300	720	1,170
Civil.....	7,740	80	950	1,330	1,180	1,020	1,310	870	630	360
Electrical/computer.....	22,850	580	3,760	4,170	3,230	2,960	3,180	2,380	900	1,700
Industrial.....	2,410	70	200	440	420	260	460	230	110	220
Mechanical.....	10,560	240	1,500	2,310	1,450	1,490	1,390	850	710	630
Other engineering.....	27,050	640	3,490	4,330	4,440	3,630	3,730	2,700	1,830	2,260

KEY: S = Suppressed because fewer than 50 weighted cases reported (See NOTE below)

NOTE: All numbers in the table are estimates derived from a sample.

SOURCE: National Science Foundation/SRS, 1995 Survey of Doctorate Recipients

Table 16. Doctoral scientists and engineers, by occupation and age: 1995

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Occupation*	Total	Under 30	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-75
Total.....	542,540	8,700	53,220	79,710	87,890	91,850	84,850	51,930	35,070	49,310
Scientists.....	318,830	6,100	35,880	51,800	53,270	51,410	43,700	27,040	19,430	30,210
Computer and mathematical scientists.....	40,820	1,010	4,780	6,720	6,770	6,990	6,530	3,610	2,040	2,370
Computer and information scientists.....	15,180	410	2,080	2,820	2,920	2,940	2,130	830	470	580
Mathematical scientists.....	7,060	130	780	1,150	1,210	1,310	960	640	350	540
Postsecondary teachers, computer and mathematical sciences.....	18,580	460	1,920	2,740	2,640	2,740	3,450	2,150	1,230	1,250
Life and related scientists.....	97,870	1,900	12,410	17,590	17,710	14,270	11,830	7,110	5,360	9,690
Agricultural scientists.....	9,660	70	770	1,520	1,730	1,230	1,170	750	770	1,650
Biological scientists.....	54,310	1,690	9,810	11,280	10,110	7,250	4,880	2,900	1,930	4,470
Forestry and conservation scientists.....	1,060	S	S	180	240	130	120	80	100	160
Postsecondary teachers, life and related sciences.....	32,840	120	1,800	4,620	5,630	5,660	5,670	3,380	2,570	3,400
Physical and related scientists.....	75,690	1,930	10,270	12,530	10,290	9,570	9,700	7,670	5,500	8,240
Chemists, except biochemists.....	24,490	900	4,070	4,830	3,600	2,790	2,450	1,890	1,380	2,600
Earth scientists.....	10,030	S	1,100	1,550	1,650	1,760	1,420	930	610	960
Physicists and astronomers.....	13,810	620	2,430	2,350	1,560	1,860	1,530	1,170	920	1,360
Other physical scientists.....	2,350	70	120	420	430	310	390	190	180	250
Postsecondary teachers, physical and related sciences.....	25,010	300	2,550	3,370	3,040	2,850	3,920	3,490	2,410	3,070
Social and related scientists.....	104,450	1,260	8,420	14,960	18,510	20,580	15,630	8,640	6,520	9,920
Economists.....	6,510	220	640	1,270	940	1,370	670	490	220	710
Political scientists.....	1,470	50	110	160	130	250	160	180	90	360
Psychologists.....	43,650	590	3,640	6,750	9,230	9,810	6,020	2,820	1,980	2,830
Sociologists and anthropologists.....	3,550	S	220	320	680	580	390	370	240	740
S&T historians and other social scientists.....	2,500	S	100	290	540	550	420	150	220	210
Postsecondary teachers, social and related sciences.....	46,770	380	3,720	6,190	6,990	8,030	7,970	4,650	3,770	5,080

See explanatory information and SOURCE at end of table.

Table 16. Doctoral scientists and engineers, by occupation and age: 1995

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Occupation*	Total	Under 30	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-75
Engineers.....	65,290	1,650	10,100	12,310	9,180	8,180	7,600	6,220	4,240	5,820
Aerospace and related engineers.....	4,200	90	500	650	610	580	470	570	320	430
Chemical engineers.....	6,520	280	1,410	1,340	710	570	780	430	420	590
Civil and architectural engineers.....	2,930	S	430	540	480	330	550	210	190	170
Electric and related engineers.....	11,840	360	2,350	2,120	1,770	1,450	1,290	1,130	380	1000
Industrial engineers.....	860	S	170	210	140	90	100	70	S	S
Mechanical engineers.....	6,280	200	930	1,350	950	830	730	600	400	290
Other engineers.....	15,540	430	2,410	2,630	2,380	2,280	1,640	1,230	850	1,670
Postsecondary teachers, engineering.....	17,120	250	1,910	3,460	2,140	2,040	2,050	1,990	1,640	1,650
Non-S&E occupations.....	158,420	950	7,250	15,610	25,440	32,260	33,560	18,680	11,400	13,280
Managers, administrators, etc.....	90,710	170	2,580	7,570	13,990	19,950	21,920	12,210	6,040	6,280
Health and related occupations.....	15,030	250	1,470	2,270	2,600	2,530	2,380	1,430	940	1,170
Teachers, except S&E postsecondary teachers.....	21,480	100	930	2,340	3,890	4,260	4,000	2,010	1,940	2,020
Social services and related occupations.....	2,090	S	90	100	410	430	360	230	140	320
Technologists, etc.....	6,030	140	820	1,100	1,120	910	940	340	310	360
Sales and marketing occupations.....	5,570	S	330	450	910	1,270	940	760	490	380
Other non-S&E occupations.....	17,500	230	1,020	1,790	2,520	2,910	3,010	1,700	1,550	2,760

*If the respondent was unemployed, occupation of last job was reported.

KEY: S = Suppressed because fewer than 50 weighted cases reported (See NOTE below)

NOTE: All numbers in the table are estimates derived from a sample.

SOURCE: National Science Foundation/SRS, 1995 Survey of Doctorate Recipients

**Table 17. Doctoral scientists and engineers employed in universities and 4-year colleges,
by broad field of doctorate, sex, and academic rank: 1995**

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Field of doctorate/sex	Total	Full Professor	Associate professor	Assistant professor	Instructor/lecturer	Adjunct faculty	Other faculty	Does not apply
Total (number).....	222,530	78,600	49,800	42,110	5,650	4,290	3,960	38,140
Male (percent).....	76.6	88.9	76.5	65.2	53.7	63.7	79.9	68.7
Female (percent).....	23.4	11.1	23.5	34.8	46.3	36.3	20.1	31.3
Sciences (number).....	196,870	69,280	43,550	37,380	5,290	3,820	3,430	34,120
Male (percent).....	74.4	87.6	73.8	62.6	51.0	60.7	77.1	66.3
Female (percent).....	25.6	12.4	26.2	37.4	49.0	39.3	22.9	33.7
Computer and mathematical sciences (number).....	17,830	6,880	5,430	3,700	500	190	200	930
Male (percent).....	87.5	93.2	89.9	80.9	55.4	47.8	91.5	81.1
Female (percent).....	12.5	6.8	10.1	19.1	44.6	52.2	S	18.9
Life and related sciences (number).....	72,120	22,780	14,780	14,710	1,920	1,240	1,510	15,180
Male (percent).....	70.3	85.5	68.5	60.2	56.4	62.2	69.1	61.5
Female (percent).....	29.7	14.5	31.5	39.8	43.6	37.8	30.9	38.5
Physical and related sciences (number)....	38,290	13,840	6,040	5,190	800	700	940	10,780
Male (percent).....	88.5	96.4	90.4	75.4	67.9	85.5	91.2	85.2
Female (percent).....	11.5	3.6	9.6	24.6	32.1	14.5	8.8	14.8
Social and related sciences (number).....	68,630	25,780	17,300	13,780	2,070	1,690	780	7,240
Male (percent).....	67.5	83.3	67.4	55.4	38.3	50.6	71.8	46.4
Female (percent).....	32.5	16.7	32.6	44.6	61.7	49.4	28.2	53.6
Engineering (number).....	25,660	9,320	6,250	4,720	360	470	530	4,010
Male (percent).....	93.5	98.3	95.2	85.6	93.5	88.6	97.9	89.2
Female (percent).....	6.5	1.7	4.8	14.4	S	11.4	S	10.8

KEY: S = Suppressed because fewer than 50 weighted cases reported (See NOTE below)

NOTE: All numbers in the table are estimates derived from a sample.

SOURCE: National Science Foundation/SRS, 1995 Survey of Doctorate Recipients

**Table 18. Doctoral scientists and engineers employed in universities and 4-year colleges,
by broad field of doctorate, sex, and tenure status: 1995**

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Field of doctorate/sex	Total	Tenured	Not tenured		Not applicable
			In tenure track	Not in track	
Total (number).....	222,530	115,850	36,830	21,500	48,360
Male (percent).....	76.6	84.7	67.5	63.8	70.0
Female (percent).....	23.4	15.3	32.5	36.2	30.0
Sciences (number).....	196,870	101,930	32,160	19,480	43,310
Male (percent).....	74.4	83.0	64.7	61.1	67.5
Female (percent).....	25.6	17.0	35.3	38.9	32.5
Computer and mathematical sciences.....	17,830	11,650	3,510	980	1,700
Male (percent).....	87.5	92.3	81.3	68.4	78.0
Female (percent).....	12.5	7.7	18.7	31.6	22.0
Life and related sciences (number).....	72,120	32,320	12,350	8,790	18,670
Male (percent).....	70.3	80.2	61.2	60.9	63.6
Female (percent).....	29.7	19.8	38.8	39.1	36.4
Physical and related sciences (number).....	38,290	18,250	4,400	3,790	11,850
Male (percent).....	88.5	94.4	80.6	79.3	85.4
Female (percent).....	11.5	5.6	19.4	20.7	14.6
Social and related sciences (number).....	68,630	39,710	11,900	5,930	11,090
Male (percent).....	67.5	77.3	57.5	48.4	53.4
Female (percent).....	32.5	22.7	42.5	51.6	46.6
Engineering (number).....	25,660	13,920	4,670	2,020	5,060
Male (percent).....	93.5	97.1	86.9	89.9	91.2
Female (percent).....	6.5	2.9	13.1	10.1	8.8

NOTE: All numbers in the table are estimates derived from a sample.

SOURCE: National Science Foundation/SRS, 1995 Survey of Doctorate Recipients

Table 19. Doctoral scientists and engineers employed in universities and 4-year colleges, by broad field of doctorate, primary work activity, and secondary work activity: 1995

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Field of doctorate/ primary work activity	Total	Secondary work activity						
		Total	R&D	Teaching	Management, sales, and administration	Computer applications	Other	
[Percentage Distribution]								
All fields								
Total.....	222,530	100.0	42.7	21.3	17.0	5.3	7.2	6.4
R&D.....	88,910	100.0	26.9	41.0	16.2	7.3	3.8	4.8
Teaching.....	96,880	100.0	63.1	D	13.2	4.5	10.3	8.8
Management, sales, and administration.....	21,010	100.0	24.0	28.6	33.2	2.8	10.0	1.3
Computer applications.....	2,880	100.0	53.4	15.2	20.2	D	5.8	5.4
Other activities.....	12,860	100.0	26.6	35.1	24.8	2.7	2.2	8.6
Sciences								
Total.....	196,870	100.0	41.4	21.6	17.3	5.1	7.7	6.8
R&D.....	78,850	100.0	26.0	41.3	16.6	6.8	4.2	5.1
Teaching.....	84,770	100.0	61.7	D	13.2	4.5	11.2	9.4
Management, sales, and administration.....	18,510	100.0	22.7	28.9	33.6	3.0	10.6	1.1
Computer applications.....	2,360	100.0	48.6	17.0	21.6	D	6.8	6.1
Other activities.....	12,380	100.0	26.6	34.7	25.4	2.5	1.9	8.8
Computer and mathematical sciences								
Total.....	17,830	100.0	44.7	21.0	11.2	10.2	5.5	7.4
R&D.....	4,560	100.0	11.6	65.4	9.0	9.8	1.1	3.1
Teaching.....	11,290	100.0	61.9	D	8.7	11.2	7.9	10.3
Management, sales, and administration.....	1,240	100.0	15.5	33.8	39.9	8.2	S	S
Computer applications.....	440	100.0	36.2	36.0	22.0	D	S	S
Other activities.....	300	100.0	32.6	59.3	S	S	S	S
Life and related sciences								
Total.....	72,120	100.0	37.7	23.5	20.5	3.6	7.3	7.3
R&D.....	38,710	100.0	28.6	34.1	21.0	4.4	5.0	7.0
Teaching.....	20,890	100.0	59.1	D	15.3	3.3	12.6	9.8
Management, sales, and administration.....	6,530	100.0	26.7	27.0	35.1	1.6	8.5	1.0
Computer applications.....	420	100.0	60.3	S	21.3	D	12.2	S
Other activities.....	5,580	100.0	32.8	35.2	19.3	2.7	2.0	8.0
Physical and related sciences								
Total.....	38,290	100.0	43.3	19.9	15.4	9.6	4.6	7.1
R&D.....	17,920	100.0	31.7	35.4	12.3	14.3	2.2	4.2
Teaching.....	14,680	100.0	60.1	D	14.9	6.5	7.3	11.2
Management, sales, and administration.....	3,420	100.0	34.7	23.0	28.9	3.5	6.8	3.1
Computer applications.....	1,140	100.0	56.7	10.8	19.0	D	S	10.2
Other activities.....	1,130	100.0	21.8	33.5	27.9	5.0	S	9.0

See explanatory information and SOURCE at end of table

Table 19. Doctoral scientists and engineers employed in universities and 4-year colleges, by broad field of doctorate, primary work activity, and secondary work activity: 1995

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Field of doctorate/ primary work activity	Total	Secondary work activity						
		Total	R&D	Teaching	Management, sales, and administration	Computer applications	Other	No secondary activity
[Percentage Distribution]								
Social and related sciences								
Total.....	68,630	100.0	43.3	20.8	16.7	2.8	10.4	6.1
R&D.....	17,660	100.0	18.3	56.8	13.4	3.9	5.1	2.4
Teaching.....	37,920	100.0	63.7	D	12.7	2.4	12.9	8.3
Management, sales, and administration.....	7,310	100.0	14.8	32.6	33.4	3.0	15.9	S
Computer applications.....	370	100.0	25.0	25.7	29.3	D	14.6	S
Other activities.....	5,370	100.0	20.8	33.1	32.6	1.6	1.8	10.1
Engineering								
Total.....	25,660	100.0	53.0	18.8	14.7	6.9	3.3	3.3
R&D.....	10,060	100.0	33.8	38.9	12.7	11.2	1.3	2.0
Teaching.....	12,110	100.0	73.1	D	13.4	4.6	4.4	4.5
Management, sales, and administration.....	2,500	100.0	33.5	26.4	30.3	S	5.4	2.4
Computer applications.....	520	100.0	75.6	S	14.2	D	S	S
Other activities.....	490	100.0	25.8	43.8	S	S	S	S

KEY: S = Suppressed because fewer than 50 weighted cases reported (See NOTE below)

D = The same work activity cannot be reported for both primary and secondary.

NOTE: All numbers in the table are estimates derived from a sample.

SOURCE: National Science Foundation/SRS, 1995 Survey of Doctorate Recipients